



NDIA Expeditionary Warfare Conference

Anti-terrorism Threats and Capabilities

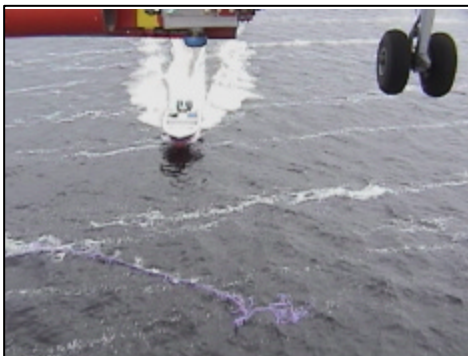


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N757 Charter

- **Develop capabilities to mitigate asymmetric threats to expeditionary operations**
 - Explosive Ordnance Disposal
 - Naval Coastal Warfare
 - Mobile Security Force
 - Non-Lethal Weapons Program
 - Expeditionary ATFP





Threat: Old Assumptions

- **Individual terrorists or groups**
- **Isolated acts**
- **Not coordinated**
- **Not sophisticated**





Threat: New Reality

- Strategic “anti-access” campaign
- Well resourced and trained
- Global capability
- Creative and adaptable





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- A large blue and red oil tanker ship is shown from an aerial perspective, carrying a grey naval vessel on its deck. The naval vessel has a white superstructure with a red and blue emblem. The tanker has a white funnel with a red and blue emblem. The date "OCT 31 2000" is printed in red in the bottom right corner.



First Principles

- **Cultural Change**
- **Situational Awareness**
- **Operational Risk Management**
- **Defense in Depth**
- **Requires:**
 - Doctrine
 - Tactics
 - Technology
 - Resources





Defense in Depth

- **Concentric security zones**

- Assessment
- Warning
- Threat

- **US**
- **Host Nation**





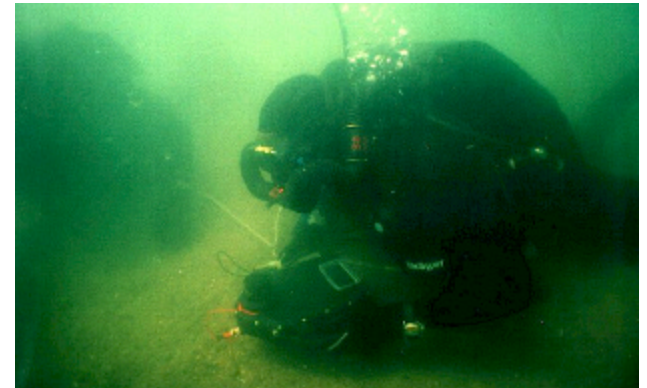
Essential Tasks

- **Define assessment / warning / threat radius**
- **Establish perimeters**
- **Patrol perimeters**
- **Conduct surveillance**
- **Classify / ID suspect vehicles, boats, acft**
- **Intercept / interrogate / determine intent**
- **Engage hostiles**
- **Locate and ID suspect packages placed prior to arrival**
- **Render safe terrorist devices**



Capability Limitations

- **Force Structure:**
 - Force level to sustain elevated FPCON
 - Mobile security forces
- **Technology:**
 - Barriers
 - Underwater Search
 - IED & CBRN detection and identification
 - Near shore surveillance and interdiction
 - Air
 - Surface
 - Sub-surface
 - Classification / IFF
- **Tactics:**
 - Integration of non-lethal capability





EXW AT Capable Forces

- **EOD**
- **Marine Mammals**
- **NCW**
- **Mobile Security Forces**





Navy EOD Mission Areas



Mine Countermeasures (MCM)



Very Shallow Water MCM (VSW MCM)



Force Protection

- Improvised Explosive Device Detection/ Neutralization
- WMD detection, diagnostics, defeat
- Ordnance Detection/Neutralization/Training
- Hazard Mitigation



Explosive Ordnance Disposal

- **MISSION:** Eliminate the threat of hazardous ordnance and terrorist devices to enable operations in any environment.

Threat

Underwater Ordnance
Naval Mines
Surface Ordnance
Air Ordnance
Chemical Weapons
Nuclear Weapons
Improvised Devices



Task

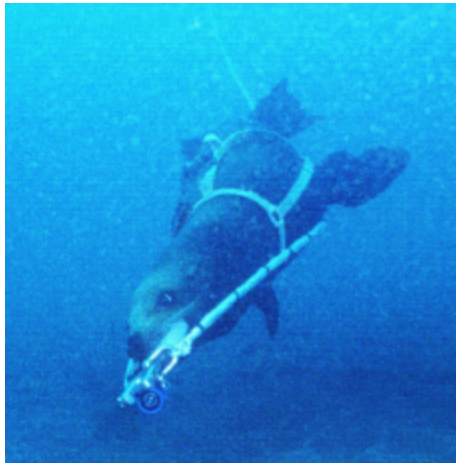
Detect
Locate
Access
Identify
Render Safe
Exploitation/Intel
Dispose





Marine Mammal Systems

- **Operational**
 - **Mk 6 Swimmer Detection System:** Atlantic Bottlenose dolphins to detect and mark surface swimmers, SCUBA divers, closed circuit divers, and Swimmer Delivery Vehicles (SDV).
- **Prototype**
 - **Shallow Water Intruder Detection System (SWIDS):** California Sea Lions to detect and mark surface swimmers, SCUBA and closed circuit divers in restricted waters.





Naval Coastal Warfare

- **Mission:** Force Protection of strategic shipping and naval vessels operating in the inshore / coastal area, anchorages, harbors and harbor facilities through surface & subsurface surveillance





NCW Operational Forces

NCW Group One:

San Diego, CA

- 11 MIUWU
- 7 IBU Units
- 4 HDC Units

NCW Group Two:

Williamsburg, VA

- 11 MIUWU
- 7 IBU Units
- 5 HDC Units



3050 Selected Reserves / almost 6% of the Surface Reserve

188 Active duty personnel



Mobile Security Force

- **Mission: Protect deployed U.S. Navy ships, aircraft, and other DON units against terrorist attack in locations where U.S. shore infrastructure does not exist or requires augmentation.**





Concept

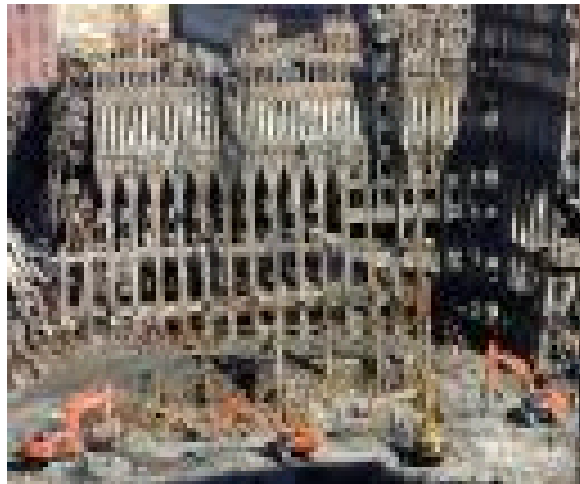
- **Modular elements capable of tailored tasks**
- **CINCs specify mission tasks considering:**
 - **THREATCON**
 - **HN support and restrictions**
 - **Scope and duration of ops**
 - **ROE**
- **Seamless integration of:**
 - **Advance force**
 - **Command element**
 - **HN security forces**
 - **Security elements**
 - **Protected assets**





Challenges

- *The Contest of Will for Access and Influence*
 - Challenged by existing programs, limited resources, warfare culture.
 - Leadership required to refocus Navy on AT/FP as a *warfighting priority*
 - Mainstreaming AT/FP ~ Mainstreaming MIW?





Questions ?

